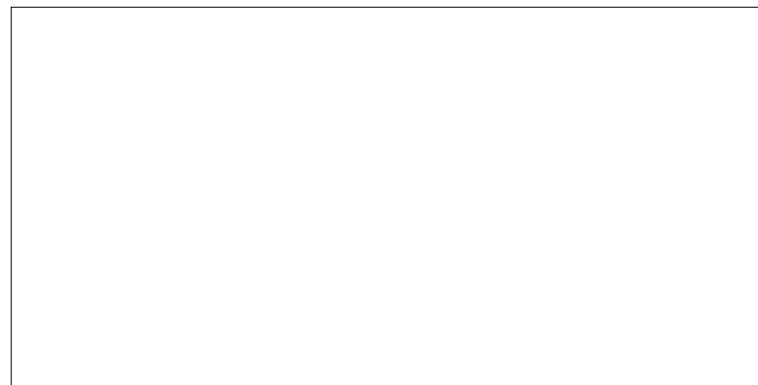


marantz®

marantz®



www.marantz.com



because music matters

Sensation Exploration

The Range

AV COMPONENTS

AV Separates	4
Universal HD Players	8
AV Receivers	12
DVD Player	15
Cinemarium	16

STEREO COMPONENTS

Integrated Amplifiers,	20
SACD Players, CD Players,	
Tuners, CD Changer,	
iPod Dock	
Receiver, Turntable	30
Systems CD Receivers	32
Universal Remote controls	34

TECHNICAL DATA	36
----------------	----

Prepare to be seduced. To be enticed, and to be stunned. The following pages showcase the new Marantz Range: a collection of exquisite audio-visual components designed, developed and manufactured to give you the ultimate in listening and viewing pleasure. In addition to this year's 17 new products, we've also upgraded the design of our sets. The M1 Reference Standard design style is similar in appearance to that of the stylish curves of the Marantz Premium Range. Importantly, this has enabled us to further improve the components' already breathtaking music reproduction. The result is even more intense imaging, even sharper staging, and even greater passion.

Enjoy!





AV Separates



Ignite your senses and stretch your emotions with this latest collection of Marantz High Definition AV systems offering HD Audio Decoding, 1080p video scaling, network streaming for audio/video, and HD from Blu-ray. This collection of products builds on world-class excellence and now includes even more style, precision and functionality. For example, there's

the new M1 design: based on the look and feel of the Marantz Premium Range, its three-piece construction dampens the front panel's resonance frequency, and protects the inner circuitry from signal-degrading influences. There's also Current Feedback amplification and Toroidal Transformers, with fast current delivery capability. And it doesn't stop there; your compressed audio files such as MP3 and AAC will sound sublime thanks to the Marantz Digital Audio Expander (M-DAX). There's never been a better time to be a true lover of music and movies.

AV8003

MM8003

marantz



AV8003

MULTI-CHANNEL AV PRE-AMPLIFIER



This THX Ultra2-certified networking pre-amp/processor will maximise the clarity and transparency of your source signals, whatever the source – Blu-ray, DVD, CD and even the AV files from your PC and external storage streamed via the network. That's because it is DLNA-certified. It decodes every format, up to THX-EX, DTS-HD Master Audio and Dolby True HD and, of course, supports Deep Color and 24fps via four HDMI version 1.3a inputs and two outputs. Legacy designs get the HD treatment, too, via video processing technology VRS™ from Anchor Bay with scaling up to 1080p. For total connectivity and flexibility, the AV8003 features eight balanced outputs for ultra-low noise connection to the power amp, and two balanced inputs to connect a high-end CD source. To minimise interference, the power supply incorporates a Toroidal Transformer and a copper-plated chassis. For total control, the system comes with a programmable, backlit LCD remote controller, as well as an additional handset supporting multi-room capability.



Network Graphic User Interface

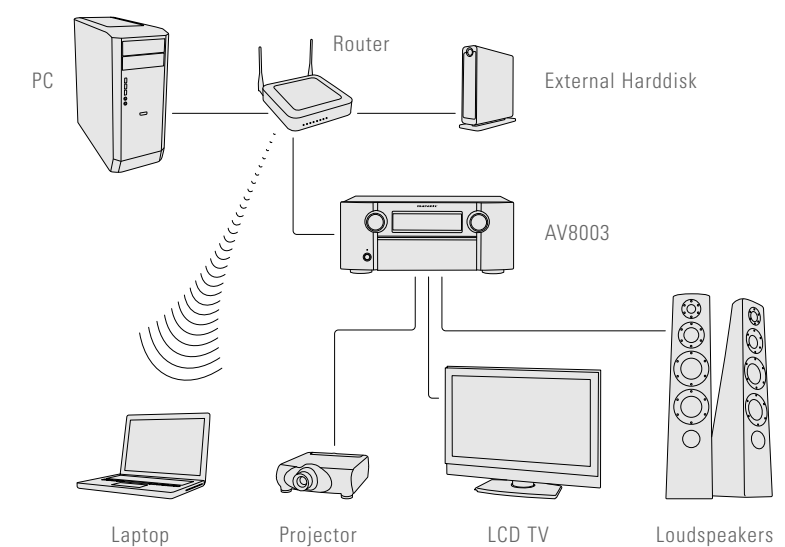


MM8003

MULTI-CHANNEL MAIN AMPLIFIER



At the heart of this amplifier is a massive high-current, audiophile-grade, oversized Toroidal power transformer. It easily delivers more than 140W to each of the eight channels, and in addition to its sheer power, it incorporates high-grade audio components throughout, extensive shielding of key components, and ultra-wide bandwidth Current Feedback technology. The amplification system was originally developed to handle Super Audio CD signals, so it's ideal for the new DTS-HD Master Audio and Dolby True HD formats. The chassis is completely copper plated to deliver perfect grounding, and to eliminate EMI. The result is an amazingly accurate tonal and image balance, allied to speed and dynamics with very low distortion.



Any file possible

The THX Ultra2-certified AV8003 has a built-in digital media player so it can decode movies and music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, AAC and even HD video files such as WMV-HD. All will be handled with the best possible quality, thanks to built-in excellent video and audio processing engines and the Marantz Digital Audio Expander M-DAX for compressed audio.

Universal HD Players



Say 'Hello' to HD heaven with the new Marantz BD8002 / BD7003 Blu-ray Disc players. Blu-ray Disc, also referred to as BD-ROM, is the next-generation High Definition (HD) optical disc format and it offers more than five times the storage capacity of traditional DVDs. This extra capacity, combined with the use of advanced video and audio codecs, gives you an unprecedented high definition experience. It's all there: unbelievable resolution; razor-sharp lines; intense, perfect colours; and outstanding audio. All you have to do is live it!



BD8002

UNIVERSAL HD PLAYER



The BD8002 is something special. Very special. As a state-of-the-art, truly impressive player it not only plays your Blu-ray discs with absolute, no-compromise integrity, it actually improves the playback of your DVDs as well – thanks to the Silicon Optix Realta chip with HQV™ processing system that up-scales the DVD format to 1080p quality. Its HDMI version 1.3a terminal supports 24fps, Deep Color and all raw High Definition data. For the analogue video-out, it applies a 297MHz/12bit DAC. Twin SHARC DSPs decode DTS-HD and Dolby True HD to output 7.1 analogue audio. For digital, HD 7.1PCM can be outputted as well. And, because it's a truly universal player, you can also play MP3 and WMA files from CD or via the in-built SD card.



BD7003

UNIVERSAL HD PLAYER



Now you can have the legendary Marantz quality and name in an exceptional value-for-money Blu-ray Disc player. The BD7003 gives you Full HD 1080p output of Blu-ray Discs for a 24 fps, film-like experience. What's more, thanks to the player's high-precision video processing and up-scaling capability to 1080p, your DVD experience will also leap to a new level of stunning exhilaration. The BD7003 can output digital HD audio in lossless 7.1PCM format, so it can be connected to every previous HDMI input-equipped Marantz AV Receiver – even if there are no Dolby True HD or DTS HD decoders in the receiver. With BD7003 it is only one small step to HD heaven.

Pure

exhilaration

AV Receivers



High Definition heaven is here (with fabulous formats such as Dolby True HD and DTS HD Master Audio) promising richer, more intense experiences that fully immerse you in sensational bliss. To ensure you get the most from these formats, Marantz AV guarantees at least 70% of stereo power in a multi-channel setup – continuously. This is not common for AV Receivers,

but thanks to a specially engineered power supply and excellent output stages, every detail will be faithfully reproduced, even in extremely demanding scenes. HD-Audio is also incorporated, either by the decoders or 7.1 PCM capability. On the video side, there are also some highly desirable features, such as scaling up to 1080p. Whatever you select, you're destined for AV bliss.



SR8002

AV RECEIVER

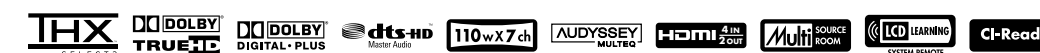


The SR8002 is a best-in-class THX-Select2 certified AV Receiver that combines colossal strength with ultra-subtle sophistication. It delivers an incredible 125W / 8 ohms from each of its seven current-feedback amplifiers, and the huge Toroidal Transformer ensures the instant current that is needed. In addition to all that power, it offers the lowest impedance grounding at any point, due to a copper plated chassis. So, together with its highly sensitive signal handling, it can faithfully recreate the finest details of a classic concert, as well as the massive sonic impact of the latest blockbuster movie. And, as you'd expect, it's quite handy with HD-Audio sources. In addition, it comes with two independent zones for multi-room/multi source audio and video (1x up to component level), so you can enjoy spectacular audio and video performance throughout your whole house.



SR7002

AV RECEIVER



The SR7002, 7x110W Current Feedback AV Receiver is THX Select2 certified, and is built to excel in both movie soundtrack and music reproduction. It supports all multi-channel audio formats including Dolby True HD and DTS HD Master Audio for an impressive, all-encompassing 360-degree surround sound. And to ensure you get all of that full-blown experience, the Room Calibration by Audyssey MULT EQ automatically optimises the sound to your chosen room's unique interior. The M-DAX audio enhancer ensures compressed audio files such as MP3, AAC and WMA formats sound as good as CD. Quite simply, the clarity and dynamic range makes the SR7002 an excellent AV Receiver, fully in line with Marantz traditions.



SR6003

AV RECEIVER



The SR6003 is the latest in the line of Marantz high-performance AV Receivers. It provides 7x100W / 8 ohms amplification, and comes with a vast array of features including i-Chips video conversion and scaling up to 1080p, Deep Color HDMI (three in and two outs), Dolby TrueHD and DTS HD Master Audio Decoder. The front panel 'with flap' design conceals all the buttons, including front inputs. There's also a USB input for your MP3 and WMA files: the inbuilt M-DAX ensures they sound great. Set-up is easy, thanks to the Graphical User Interface, the one-push Room Calibration by Audyssey MULT EQ, and the programmable LCD remote with backlight makes it a pleasure just to press 'on'.



SR5003

AV RECEIVER



The SR5003 provides 7x 90W / 8 ohms and comes with decoders for Dolby TrueHD and DTS HD Master Audio. It accommodates 3x HDMI 1.3a inputs with Deep Color support, and offers i-Chip video processing for up-scaling to HDMI 1080p. It easily handles the most demanding scenes of action films, as well as offering excellent quality music playback from Blu-ray DiscTM, DVD and CD. Even your MP3, WMA or AAC files will sound clearer and more detailed thanks to M-DAX, the Marantz Digital Audio Expander. With the automatic speaker setup Audyssey MultiEQ, multi-room with multi-source flexibility, video off mode and high grade components, the SR5003 makes sure you will experience your movies and music in true and dynamic Marantz style.



SR4003

AV RECEIVER



The SR4003 introduces the new range of Marantz AV Receivers in the M1 design. The high-quality 7.1 PCM decoder, combined with the HDMI repeater function, makes it possible to enjoy the HD audio from Blu-ray DiscTM. Its solid power supply, feeding the ultra stable 7x 80 Watts 8 ohms rms power amplifier, easily keeps control of the connected speaker, which – thanks to the OSD and Marantz's own MRAC auto set-up – has never been easier to set-up,. You also get a wide variety of analogue and digital video and audio inputs, outputs, including HDMI and Component video switching. All in all, it's an outstanding combination of home theatre receiver performance, top-quality features, and a highly versatile remote.



DV4003

DVD PLAYER



Every aspect of the DV 4003 is powerful testimony to the Marantz heritage of building only the finest CD & DVD players. High-quality video is assured by incorporating 108MHz/12-bit DAC and video processing – technologies usually found only in extremely high-end models utilizing video up-conversion up to 1080p via the HDMI output. Audio excellence is guaranteed via the 24-bit/192 kHz audio DAC and selected components. The DV4003 plays all the latest video and audio compression technologies, such as DivX Ultra, MP3, WMA and JPEG HD. What's more, the USB front input ensures easy playability. And finally, with the CD Ripping function, it's possible to get an entire CD content copied to a connected USB in seconds.

ES7001

marantz®

Cinemarium



Now you can create the full cinematic experience in your own living room – without laying miles of cable and without needing a speaker in every corner. That's because the CINEMARIUM ES7001 uses OPSODIS Audio Processing, which generates true spatial sound with just a one-body speaker system. It creates the illusion of three-dimensional acoustics and enables you to experience film soundtracks and music with the same power and intensity you get at the cinema. Also, the CINEMARIUM can hook up to your CD Player, tuner or i-Pod, so you can enjoy the high-quality reproduction of all your favourite songs. The cabinet is constructed from extruded aluminium, which can be wall mounted or it can sit alongside your DVD player in a rack. It has two input and one output HDMI repeating terminals,

three digital audio outputs, two analogue audio outputs, and a subwoofer output.

But the best part is experiencing its performance. You'll be stunned, not only by the sound's volume and richness, but also its spatial dimensions such as direction, distance and even height. And all with just a single front speaker, the system achieves a total surround effect giving you the impression that the sound is coming at you from several sides. You even hear sound moving round the room, encircling you.

It's quite simply an unbelievable experience you cannot afford to miss.

SPATIAL SOUND LIKE YOU'VE NEVER HEARD IT BEFORE

Experience the perfect symbiosis of spatial sound and elegance throughout your own living room.

With CINEMARIUM, Marantz offers you unique spatial sound enjoyment. It's quite simply an unbelievable experience you cannot afford to miss.



The CINEMARIUM ES7001 uses OPSODIS Audio Processing, which generates true spatial sound with just a one-body speaker system. It creates the illusion of three-dimensional acoustics and enables you to experience film soundtracks and music with the same power and intensity you get at the cinema. Moreover, it does this without needing to reflect sound from walls, so it can be used in any environment.



The RM7001 gives you the perfect rack-fitting for your CINEMARIUM ES7001. Constructed from aluminium and finished in black piano lacquer, it houses your ES7001 and two additional full size audio components. You can also place a TV set of up to 60kg on top.



ES7001

ONE BODY SOUND SYSTEM

CINEMARIUM ES7001 is a very flexible one-body speaker system that uses OPSODIS Audio Processing to generate genuine 3D spatial sound. It can hook up to your Blu-ray, DVD, TV, CD Player, tuner or i-POD so you can enjoy the high-quality reproduction of all your favourite films and songs. The cabinet is made from extruded aluminium, which can be wall mounted or it can sit alongside the optional RM7001 rack. It has two input and one output HDMI repeating terminals, three digital audio outputs, two analogue audio outputs, and a subwoofer output. But the best part is experiencing its performance, you'll be stunned, not only by the sound's volume and richness, but also by its spatial dimensions such as direction, distance and even height. And all with just an "intelligent" single front speaker system.



Feel me



touch me



Stereo Range

For more than 50 years, the Marantz name has been synonymous with top quality stereo. To continue and enhance that tradition, eight new products join the highly acclaimed 6002s. All these new products use Current Feedback technology, which provides extremely fast and ultra-precise signal handling. The essential partner for the Current Feedback circuitry is a power supply that's well-engineered, has low impedance, and can deliver high-currents very fast – which is important, because if fast changes in the music signal are not followed instantaneously by the amp, then vital details are lost. That's why a 50W amp with fast power supply can sound more detailed and much richer than an ordinary 100W amp. For a CD player the current required is much lower, but it doesn't mean the power supply needs less attention. Only by doing everything right, you can achieve sublime perfection.



PM8003

INTEGRATED AMPLIFIER



Delivering 2 x 70 Watts into 8 ohms (100 Watts, 4 ohm), this Current Feedback amplifier uses audiophile-grade customised components and HDAMs to faithfully reproduce the music's dynamic structure, tonal quality and stereo image. The copper-plated chassis and rear panel reduce signal-degrading EMI offer the lowest impedance grounding to every spot of the amp. An extra heavy bottom plate minimises vibration. Power handling characteristics have been reshaped and optimised, so the large Toroidal Transformer has been specially designed for this renewed circuitry. Its low impedance, wide-bandwidth power supply ensures a massive energy reserve to drive even difficult speakers with ease. And, because 'vinyl' is back, it supports Phono MM with technology derived from Premium Range SC-11S1. Enjoy the exclusivity of this unsurpassed PM8003.



SA8003

SUPER AUDIO CD PLAYER



With technologies derived from the highly acclaimed Premium Range SACD players, the upgraded SA8003 offers a no-compromise music reproduction from CD, SACD and even USB devices for MP3, WMA and iPod. Only audiophile-grade and customised components are used. There's a copper plated chassis and rear panel for best grounding, and a Toroidal Transformer for instantaneous current delivery. All of Marantz's extensive knowledge has been used in perfecting the Symmetric Circuitries with HDAM-SA-2. The new Zylon loading mechanism enables you to listen to (SA)CDs providing the perfect depth, dynamics and sonic excellence you've come to expect from this exquisite player. Finally, there's also a high-quality headphone amplifier with fast current buffer output to complete your listening pleasure.



PM7003

INTEGRATED AMPLIFIER



This stereo Current Feedback integrated amplifier is the perfect solution for the audiophile seeking uncompromising musicality with flexible operation. The 'amp direct' mode enables you to use it as pure power amplifier as well. It features the new solid reference-standard design and delivers 2 x 70 Watts into 8 ohms, while the Symmetrical Circuits ensure perfect image balancing. High grade audio components, Current Feedback HDAMs and the Source Direct function ensure best sound quality, while the stable power supply, supplying high speed instantaneous current, further underline the superb build quality of the PM7003. With six audio inputs including Phono (MM) and two pair of speaker terminals it is the perfect centrepiece of your stereo system. It all adds up to exceptional sound quality.



SA7003

SUPER AUDIO CD PLAYER



This stereo SACD and CD Player underlines the heritage of Marantz for high-quality two channel audio reproduction. It faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance Symmetric Circuits with high-quality parts. The loading mechanism is made from a new material called ZYLON, which has a high rigidity and resonance damping character. Its reduced distortion spectrum enables you to listen to SACDs with the sonic excellence you've come to expect from this player. It can even replay compressed audio formats such as MP3 and WMA in high-quality. The headphone amplifier and gold plated outputs complete this beautiful player. The SA7003 expresses the Marantz dedication to the purest reproduction of musical emotion!



PM6002

INTEGRATED AMPLIFIER



The much praised PM6002 proved to be a more than excellent integrated amplifier over the past year. This amplifier has technologies based on the famous OSE amplifier series, and has taken integrated stereo amplifying a new level of excellence. With 2x 45W output, fast current delivery, customised audio components, including 2x 10000µF main capacitors and a large Toroidal Transformer, the PM6002 gives an even tighter bass, clearer stereo images, and a wider sound stage than the more expensive products on the market. Of course, original features such as 6-line audio input including Phono, two-pair gold plated speaker connection with the convenience of bi-wiring connection are still available. Twinned with the CD6002, for the music lover who wants nothing but the best performance, it is a match made in heaven.



CD6002

CD PLAYER



The CD6002 CD player has proven to be an excellent CD player, as its sound quality, dynamic range and clear detail has been highly applauded by audiophiles and the media alike. It features customised audio components for best balanced audio and gold-plated stereo audio out and coaxial digital out cinch sockets. It is compatible with CD, CD-R/RW discs as well as MP3 and WMA files. Moreover, its sound quality is even more excellent, thanks to reinforced power supply lines and optimised audio circuitry, which now has Marantz HDAMs derived from SA-15S1. This custom treatment gives a far more consistent response throughout the entire frequency range. Musical reproduction is characterized by improved transparency and image, as well as tonal accuracy.



ST6001

RDS STEREO TUNER



The ST6001 tuner's high-sensitivity front-end and quartz-locked digital tuning ensure low noise signal processing and drift-free reception of stereo FM, MW and LW. Two antenna inputs A & B enable you to connect to terrestrial and cable radio in parallel. Wide/narrow switching makes it possible to choose between sensitivity and selectivity when tuning, this helps you easily find the best sound quality. 60 Presets across all wavebands provide instant recall of your preferred stations. A D-Bus simplifies total system remote controlling. The solid aluminium front panel reflects the attention to detail of an exceptional stereo tuner that upholds the Marantz tradition for quality.



CC4001

CD CHANGER



With a five-disc carousel, fully programmable playback mode as well as random, repeat and scan modes, the CC4001 CD Changer provides endless combinations of non-stop music. Its multi-read drive plays not only CDs but also CD-R/RWs with MP3 encoded music. The Digital Servo Drive ensures accurate reading and fast track access. Both coaxial digital and optical outputs are provided to make digital recordings. The unit incorporates a headphone output with adjustable volume, and the dedicated remote controller provides direct disc access. The metal chassis and solid metal front panel provide a rigid base for high-quality performance. The Marantz D-Bus system and a built-in RS232C port with discrete coding provide an open architecture for enhanced system control.



PM5003

INTEGRATED AMPLIFIER



The Marantz PM5003 integrated amplifier is the first in its class to offer Current Feedback architecture – a feature that until now has been exclusive to the much more expensive models. This technology provides very fast and accurate signal handling, which results in perfectly balanced stereo sound reproduction and a very open and precise music image. The unit includes controls for tone and loudness, there is a Source Direct function, and also a headphone output. The metal chassis and metal front panel provide a rigid base for high-quality performance. The Marantz system remote can control the whole system of CD, tuner or DVD. The PM5003 opens the new range of Marantz integrated amplifiers and offers music lovers high sound quality and flexibility.



CD5003

CD PLAYER



The CD5003 incorporates high-quality audio components, such as the well known CS4392 digital-to-analogue converter, the Marantz-designed HDAM-SA2 and a reliable CD transport mechanism. The Audio EX(clusive) mode further excels sound quality by switching off functions, such as digital output and pitch control, which are not in use. It plays CD-R and CD-RW discs, MP3, WMA and displays text information such as artist name and track titles. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay function repeats favourite passages. The high grade gold-plated analogue outputs guarantees the best connectivity. A well defined headphone output and supplied remote control completes the picture of an excellent player.



ST6003

RDS STEREO TUNER



The ST6003 is an FM/MW Stereo analogue tuner with access to all major frequencies and has a high-sensitivity front end to ensure drift-free reception. The RDS tuner lets you tune by frequency or program type, while the new full dot matrix display clearly indicates the frequencies and radio data such as station name or radio text. It comes with 50 station presets and a sleep timer function. And, via the Marantz D-Bus you can remote control the ST6003 with any Marantz amplifier remote or optional RC101. In total, the ST6003 combines high-quality audio components for the best sound with functionality and ease of use.

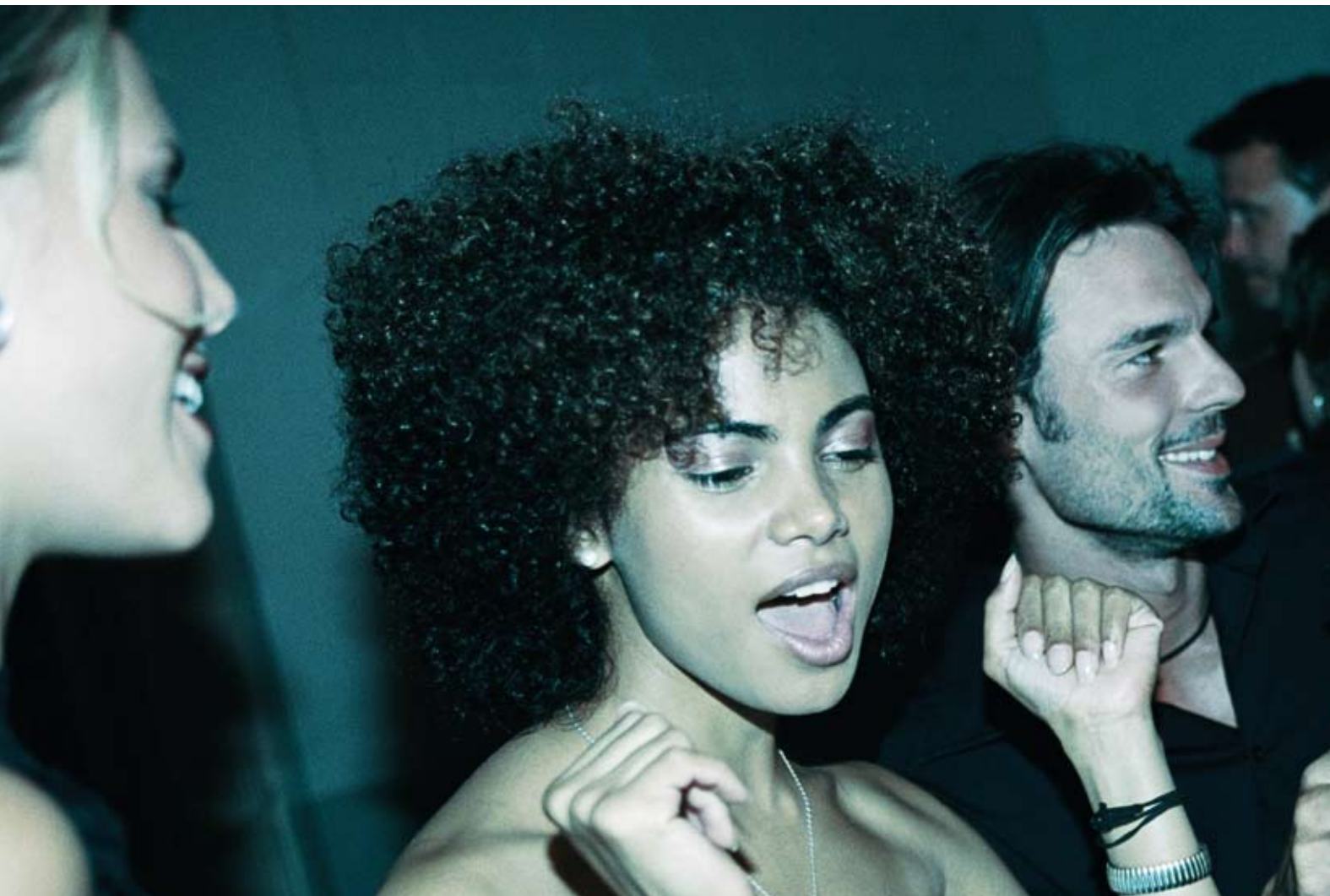


IS201

DOCKING STATION FOR IPOD



You can connect the Marantz IS201 docking station for iPod to almost any of your audio systems. From a sophisticated high-end separate AV System, to just a simple 2 channel amplifier and TV set. The IS201 (compatible with iPod nano up to 2nd generation, iPod mini, iPod, iPod photo and iPod video up to 6th generation) even generates its own on-screen display for easy navigation in the audio menu of the iPod via its remote handset. You can place the IS201 on your shelf or mount it on a wall, the 1.5m long white cable between the docking station and the connecting block ensures an excellent appearance, and enables you to enjoy your iPod like never before.



It feels



so good

Stereo Receiver and Turntable



There's a new super-slim stereo receiver featuring RDS radio and Phono MM – it perfectly complements Marantz CD Players in design and cabinet dimensions. There is also a classic, tried, tested and trusted turntable – which means this year's line-up is destined to take you places you have loved and will love again and again.



SR5023

STEREO RECEIVER



This latest 2 x 80W stereo receiver, in the new reference standard design, is built to the highest standards and expertly finished. The slim aluminium front expresses perfect balance, while the dimensions are the same as those for the CD5003 and SA7003, giving you the option of creating an extraordinary system from just two components. Close attention to details and a no-compromise construction ensure faithfully captured excitement and emotional playback of your music. This RDS stereo receiver comes with FM/AM reception, 50 random presets and a powerful amplifier at its heart. For vinyl addicts there's also a high-quality phono MM pre-amplifier. A subwoofer output and a pair of screw type speaker terminals make it the true centre-piece of your home stereo system.



TT-42

TURNTABLE

Many of your cherished vinyl records may never be issued in digital formats, which means good turntables are now more important than ever. That's why Marantz offers you a fully automatic, high-quality turntable with DC servo belt-drive, low-coloration tone arm, and transparent dust cover. This is the ideal answer to your need for a high performance source component for analogue records. Set-up is easy, since the TT-42 is fully pre-installed. Vinyl is here to stay.

Systems



Enjoy superb performance in a space-saving package. This year's range of Marantz compact stereo systems combines excellent reproduction and simple elegance like never before. For example, USB connectivity on M-CR502 means more format choices, while the special digital filters optimises the sound with push of a button. Effortless control is further delivered by the

Marantz range of remote controllers. A range that gives you choice, from the advanced RC9001 for the more sophisticated users to the RC101, which – even with fewer buttons – supports multi-room operation.



M-CR502

CD RECEIVER



If you're looking for a compact all-in-one music player that looks as great as it sounds, then look no further. The new Marantz high-quality lifestyle CD Receiver M-CR502 will dazzle you in both look and feel, as well as in audio reproduction. Inside the stylish aluminium cabinet, finished with a high-gloss black cover, is the technology to playback all your digital music as well as your favourite radio stations, with RDS information. The M-CR502 will play your CDs and your MP3 and WMA files, even those stored on a USB device. Enjoy it in your main room, via headphones or in a multi-room setup – you can even expand the system with subwoofer and small satellite speakers. Everything is possible with this amazing compact and powerful CD receiver.



CR401

CD RECEIVER



This Marantz system brings convenience and outstanding musicality to each room of your home. The simple elegance of the aluminium front face is designed to integrate with any living environment. And wherever you place it – in the living room, bedroom, bathroom or kitchen – the one thing everyone will notice is the excellent sound. In addition to regular CDs, you can enjoy CDs with MP3 files and text information, as well as the RDS tuner. The ergonomic design offers easy operation and enjoyable use of all features. The quality of the CR401 guarantees the very best sound quality.

Remote Controls



RC9001

PROGRAMMABLE TOUCHSCREEN REMOTE



Ever dreamed of controlling your entire electronic home environment with just one hand-held controller? With the RC9001 you can do just that... and more. The Wizz-Ex RC9001 gives you control of your home environment in every possible remote control sense, via one customizable and easy to use interface. Its trend-setting ergonomic design and the true colour touch screen, with full-graphics flexibility opens unlimited possibilities and ease of use. The WiFi transmission and installed Pronto Script allows IP and 2-way feedback communication for easy control of music server, lighting system and other AV Products enabling you to create a dynamic user interface. For additional system control you can use the extension modules RX8001 and RX9001 for operating hidden systems via RF or RS232. It comes with a docking station and rechargeable lithium-ion battery that can be renewed if needed.

Now you can really shape your ideas, take your creativity to a new level and enjoy perfect control like never before, in true Marantz style.



RC3001

PROGRAMMABLE
REMOTE WITH LCD

The Marantz RC3001 opens a new dimension in customisable, interactive devices giving you full control of virtually all your audio and video devices through its direct learning capability. Moreover, the RC3001 can be customised even further by the sophisticated programming Wizz.it3 software on your PC. No direct view to the system to be controlled? Hidden behind a corner or in a cupboard? No problem for RC3001 as it supports RF-transmission and comes with an extension module. It also gives you programmable direct access hard buttons and cursor control, display and buttons with backlight for easy operation in the dark, rechargeable batteries and a power adaptor. Housed in a trend-setting black design, the light, ergonomic RC3001 provides effortless, intuitive control and navigation, for truly personalized home entertainment enjoyment.



RC101

LEARNABLE
MULTI-ROOM REMOTE

RC101 is the first remote controller that is specifically optimized for multi-room usage. The first to send independent multi-room code to control sound in Zone A, Zone B and Zone C. And that's good news, because 'multi-room' capability is supported by many of our AV Receivers. It's also possible to setup the remote for use in the main room as an easy to use, fewer-button device compared to the standard remote that comes with the system – and the stylish backlight makes it easy to use in the dark. Also, it comes with code sets pre-installed for all Marantz equipment as well as for many other brands, and for extra functionality it can directly learn new codes as well.

Technical glossary

NOTE: THE NUMBERS BETWEEN ICON AND PRODUCT FEATURE REFER TO THE GLOSSARY COLUMN IN THE TECHNICAL DATA ON THE NEXT PAGES.

AUDIO TECHNOLOGY



1. 70% POWER GUARANTEE

Marantz has the 70% power guarantee, meaning that a minimum of 70% of the stereo power indicated in the specification section will be available when 5 channels are simultaneously used. A lot of misunderstanding about power rating has been created by claiming the highest possible output power as a unique selling point. Measurement often has been done on only one driven speaker, with lower impedance than 8 ohms and high THD (total harmonic distortion) acceptance. A standard THD value is 0.08%. The lower the better.



2. CURRENT FEEDBACK

Current Feedback amplification is a well known, Marantz original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative Feedback (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier in-sensitive to difficult loudspeaker loads.



3. TOROIDAL TRANSFORMER

Toroidal Transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low all ending in a better sound quality.



4. HYPER DYNAMIC AMPLIFIER MODULES (HDM)

Marantz developed its own discrete circuit boards to replace standard IC's. These HDM's consist of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years, Marantz developed different types of the HDM to improve quality and to fit to the special requirements of a product category like CD and amplifier what can be found back in the different versions. CF is the abbreviation for Current Feedback and SA for SACD Audio, indicating an extreme wide bandwidth.



5. CUSTOMISED COMPONENTS

On paper an electrical component might look excellent, but the actual result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the Marantz's high standards. These components will then be specially made, in close cooperation with the Marantz engineers, for Marantz.



6. SYMMETRICAL CIRCUIT LAYOUT

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout.



7. COPPER PLATED CHASSIS

A copper plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more importantly, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible.



8. ZERO-IMPEDANCE MATCHING JOINT

Improves the signal to noise ratio significantly by adding a copper plated bracket across the output terminals of the player providing the best ground contact possible.



9. PURE / SOURCE DIRECT

Pure / Source Direct is a special listening mode that provides the highest possible signal purity. It can be used for both analogue and digital sources, with two-channel or multi-channel inputs. When it is selected, the signal follows the most direct path not passing the tone and bass management circuitry or any DSP (digital signal processor) of AV Receiver. The less processing, the closer the signal is to the original.

10. AUDIO EX(CLUSIVE)

Audio EX functionality makes sure you can enjoy your favourite audio tracks in an even purer high fidelity way with the ability to switch off pitch control, the digital output, and the fluorescent display. Switching off these functionalities minimises distortion – which can have an impact on the fidelity of the audio tracks – as much as possible.



11. SUPER AUDIO CD

Super Audio CD (SACD) is an established music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SACD player. SACD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the SACD to offer a frequency range up to 100 kHz and a dynamic range of 120 dB.



12. ZYLLON

ZYLLON® (PBO fibre) is the next generation super-fibre, which decreases the vibration and resonances of a disc dramatically, increasing the quality of the outputted audio quality. Developed by Asahi Chemical Japan, the fibre possesses High Rigidity with High Internal Losses, ideal material for CD or DVD mechanisms.



13. BALANCED INPUTS/OUTPUTS

Balanced connections in an audio system are designed to reject both external noise, from power wiring etc, and also internal crosstalk from adjacent signal cables. The basic principle of balanced interconnection is to get the signal you want by subtraction, using a three-wire connection.



14. USB AUDIO & CD RIPPING

USB Audio makes it possible to listen to compressed audio files like MP3, WMA, etc. The CD Ripping works the other way around; it allows you to convert audio tracks from an audio CD into MP3 format. The created MP3 files are automatically saved on your USB device. Bitrate resolutions, and record speed, can be selected via the setup menu.



15. MDAX

The use of compressed audio files like MP3, Windows Media™ Audio or AAC is getting more and more popular. The audio quality of these compressed files, however, is less than the original lossless files found on the CD, especially lacking the higher frequencies and affecting the lower frequencies, which make the audio image narrower and shallower. The Marantz Digital Audio Expander, also called MDAX, recalculates the outputted frequency range of any compressed MP3, Windows Media™ Audio or AAC audio signal and expands it over a broader frequency range. This enables you to get a more detailed and clearer sound.



16. AUDYSSEY

Audyssey is an acoustic measurement technology which equalizes the acoustic distortion caused by the acoustic behaviour of a room. When you experience Audyssey equalization, a cloudy layer is lifted away, leaving only clear, accurate, natural sound. Voices and dialog become focused and intelligible. Musical balance is restored. Musical instruments and sound effects become precisely localised. The surround soundstage becomes seamless and enveloping. And the best at least, all the measurements and parameter settings will be done fully automatically with a high-quality microphone and a sophisticated audio processing technology started via the setup menu of the AV Receiver.



17. MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)

Taking into account reflections from walls, ceiling and floor and our knowledge about psycho-acoustics, MRAC optimizes the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyzes accurately and sets the sound configuration for your listening room fully automatically. MRAC can test and controls speaker configuration, speaker size, trim and distance/delay. All for best sound and easy set-up.

VIDEO TECHNOLOGY



18. 1080P UPSCALING

Upscaling is the process of converting a standard definition (SD) video signal to a seemingly high-definition (HD) video signal by using a video scalar. Upscaling does not convert standard definition video to true High Definition video, but it does dramatically improve the detail and colour consistency of the picture. Depending on the internal video-scaler, signals of 720p, 1080i or even 1080p can be produced. 1080p is the short name for a category of video modes from which the number 1080 corresponds with 1080 lines of vertical resolution, while the letter p stands for progressive scan or non-interlaced. 1080p is the resolution possible for HDTV. The term usually assumes a widescreen aspect ratio of 16:9, implying a horizontal (display) resolution of 1920 lines and a frame resolution of 1920 — 1080 or over two million pixels. On AV receiver video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material.



19. PROGRESSIVE SCAN

Compared to a conventional interlaced picture, progressive scanning creates a picture signal with double the scan lines, resulting in a noticeably sharper image. The progressive image offers higher picture resolution and eliminates virtually all motion artifacts. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can enjoy extended viewing without eye fatigue.



20. VIDEO CONVERSION

Analogue video signals feed to the AV Receiver in Composite, S-Video or Component format will be up- or down-converted to the monitor video output of another format. This feature allows you to connect several sources to an AV Receiver and run only one cable to the TV set. Please check specification area for details on conversion direction.



21. HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. HDMI is the only interface in consumer electronics that can carry both high-definition video and multi-channel audio e.g. Dolby Digital and DTS in all HD formats, including 720p, 1080i and 1080p. With only a single cable connection all information can be digitally transmitted. The latest HDMI1.3 supports higher resolution audio formats as Dolby Digital Plus, Dolby TrueHD and DTS-HD and a higher bandwidth for higher frame rates and extended degradation in colour space.



22. ANCHOR BAY

The Anchor Bay Technologies' second generation video scaling chip is specially made for applications requiring high-quality up-conversion from standard video like 576i up to high-definition formats including 1080p, I/P conversion and upconversion from analogue video signals to the digital domain for transfer through HDMI. The chip features Anchor Bay's proprietary 10-bit Precision Video Scaling Engine that can independently scale an image horizontally and vertically to achieve an outstanding picture quality for today's demanding high resolution video displays. See '1080p Upscaling'.



23. I-CHIPS

I-Chips is a Japanese developer and manufacturer of images processing chips. Their know-how and experience makes it possible to achieve the highest degree of image quality. The i-Chips 10-bit video processor features an advanced deinterlacer for I/P conversion with motion-adaptive de-interlacing and is able to upscale standard definition video content up to 1080p. See '1080p Upscaling'.



24. SILICON OPTIX & HQV™

The Realta video processing chip of producer Silicon Optix features the HQV(TM) – Hollywood Quality Video - technology powered by Teranex. It is a highly integrated advanced video processor that uses a 10-bit image processing chip for upscaling images up to the High Definition format of 1080p. The I/P scalar converts your interlaced content into progressive to enjoy a smoother image. See '1080p Upscaling' and 'Progressive Scan'.



25. UNIPHIER®

The "UniPhier" is an integrated multimedia chip platform that enables high-quality video solutions such as upscaling, videoconversion, audio processing in a number of product categories, including Blu-ray- and DVD players. The UniPhier integrated video and audio processing chip is able to upscale standard definition content as DVD's up to 720p, 1080i or 1080p images. The I/P scalar can convert your interlaced content into progressive to enjoy a smoother image. See '1080p Upscaling'.



26. LIP SYNC

The digital processing and scaling of video displays can create a slight delay in the video signal. This delay makes audio tracks appear out of synch. Using sound delay (Lip Sync) you can delay the sound presentation to match the presentation of the video again.

Technical glossary



27. BLU-RAY DISC

Blu-ray Disc, also referred to as BD-ROM, is the next-generation High Definition (HD) optical disc format. The format is developed to enable recording, rewriting and playback of High Definition video and audio. The format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc. This extra capacity combined with the use of advanced video and audio codecs will offer consumers an unprecedented High Definition 1080p experience, providing an exhilarate life-like image and an audio soundtrack that is more detailed and clearer.



28. DEEP COLOR™

Deep Color™ lets HDTVs and other displays go from millions of colours to billions of colours allowing consumers to enjoy unprecedented vividness and accuracy of colour on their displays. Deep Color™ eliminates on-screen colour banding, for smooth tonal transitions and subtle gradations between colours. It enables increased contrast ratio, and can represent many times more shades of gray between black and white.



29. TRUE1080/24FPS

The standard frame rate that is being used to record cinema movies is 24 frames per second (24fps) and this life-like image with stutter free movements could only be enjoyed in the real cinema up until now. Now with Blu-ray players outputting 1080p/24fps it is coming to the customers' home.



30. SD CARD

Input for a SD-Card. Content stored on the card, such as MP3, Windows Media™ Audio and JPEG files can be viewed via the source player. It also supports special additional contents from Blu-ray Discs, like picture-in-picture view for example if available.



31. DIVX ULTRA

DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD or Blu-ray player it is easily to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX Ultra, also called DivX 6.0 The new DivX offers enhanced multimedia and interactive features.



32. HD JPEG

HD JPEG allows customers to enjoy their High Definition images taken with their digital camera via the SD Card slot or images saved on CD.

SOUND FORMATS



33. THX SELECT2 / THX ULTRA2

THX certification, developed by LucasArts of George Lucas, is a quality assurance specification for products that meet the high requirements of THX, guaranteeing highest quality audio performance, and a soundtrack reproduction exactly as the audio engineers of the film intended it to be. THX certified products are built according the THX standards for presentation excellence, and include THX features as: timbre matching, bass management, adaptive decorrelation, re-equalization (Re-EQ™) and Boudry Gain Control. There are two certification levels starting with THX Select2 and the even higher specified one THX Ultra2.



34. HD - 7.1 PCM MULTI-CHANNEL

HD - 7.1 PCM Multi-channel offers the full High Definition / high resolution sound from Blu-ray Disc™ or HD-DVD even if the decoders for the HD Audio formats Dolby Digital Plus, Dolby TrueHD and DTS-HD aren't built into the receiver. How? The player has the option to convert the HD Audio signal into an up to 7.1 PCM Multi-channel 24bit / 96 kHz signal, which will be transmitted via the HDMI cable. The conversion is lossless and so you will enjoy every single bit of High Definition sound. In the Marantz receiver high-quality 24bit / 96 kHz digital to analogue converter will take care of the signal.



35. DOLBY TRUE HD

Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition audio coding. Dolby TrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before. Dolby TrueHD is supported by HDMI™, the single-cable digital connection for high-definition audio and video. Dolby TrueHD will be transmitted via HDMI 1.3a and is compatible with HDMI 1.1 as an outputted HD 7.1 PCM multi-channel signal. See 'HD - 7.1 PCM Multi-channel'.



36. DOLBY HEADPHONE

Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1-channel soundtrack through any set of stereo headphones. Best of all, "listener fatigue", a phenomenon commonly associated with headphone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours.



37. DOLBY PRO LOGIC IIx

Dolby Pro Logic IIx is a complete surround sound solution featuring Movie and Music mode that function with 5.1 as well as stereo source material. It delivers a natural and immersing up to 7.1-channel surround listening experience to the home theatre environment.



38. DTS-HD MASTER AUDIO

DTS-HD Master Audio is an optional High Definition Audio format for all Blu-ray Disc™ products. DTS-HD Master Audio format allows a bit-to-bit representation of the original movie's studio master soundtrack and delivers audio at high constant bit rates superior to standard DVDs.



39. DTS ES 96/24 NEO:6

The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo:6 is to create a 6.1 surround stage from any two channel source.



40. SRS CIRCLE SURROUND II

Circle Surround II is a powerful and versatile multi-channel technology designed to enable up to 6.1 multi-channel surround-sound playbacks from mono and stereo sources. CS-II places the listener "inside" the music performances and dramatically improves the separation and image positioning of both hi-fi audio and conventional surround-encoded video material, adding a heightened sense of realism.

41. HT-EQ

The Marantz HT-EQ Home Theatre Equalizer circuit compensates for the overly bright sound of some DVD movie soundtracks that were not properly re-equalized for the home listening environment from the original film soundtrack. Film soundtracks are often equalized with a higher bright soundstage. This is done because the speakers in a movie theatre are placed further from the audience as the speakers in your home theatre setting. The functionality is similar to the Re-EQ™ of THX.



42. MULTI-CHANNEL DOWNMIX

When audio cannot be enjoyed via HDMI connection, the audio output has to be connected analogue to the receiver or output screen. When a source product is not equipped with an analogue multi-channel output but only a stereo audio output, the internal 2-channel downmix processing automatically downmixes a 5.1, 6.1 or 7.1 signal back to a stereo signal (2.0). Optional to the HDMI of course the digital audio output can be used for standard multi-channel audio as Dolby Digital or DTS.



CI FRIENDLY INSTALLATION



43. MULTIROOM / MULTI SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example, in the main room a DVD can be played back with multi-channel surround, while in a second room music can be enjoyed from a CD Player connected, and a third room can have audio and video coming from the connected satellite set-top box – all at the same time – all independently. Please check specification section for number of zones.



44. RF-TRANSMISSION

The RF-transmission of control commands makes it possible to control the equipment like amplifier, CD / DVD Player or similar, even if there is no direct visual contact. It might be that the equipment is set up in the next room or hidden in a cupboard. The remote will send out radio frequency (RF) like a radio station and this signal will be received by a small box, converting it back into infra red (IR) signals to control the equipment.



45. 2-WAY WIFI

WiFi, also called IEEE802.11, working on a frequency of 2.4 GHz. This means a much wider bandwidth is available for transmitting the signals in comparison with RF for example and it can be used in both directions (bi-directional or 2-Way): to control equipment and receive information from the equipment when available. The WiFi technology is also used for wireless computer networks. For the use with RC9001 for example this means direct browsing the contents of a music server and several other application possibilities like lighting – climatic – security control – etc.



46. CI-READY

CI-Ready indicates that the products are equipped with connection like RS-232, Flasher Out, IR Receiver in, DC-Trigger and similar used especially in the Custom Installation area. The RS232 for example is a communication port direct to the micro processor of the device. It is possible to control the component and get status feedback via this connection without any visual contact and even offers a way to update the system software if needed. Marantz products have dedicated remote codes and RS232 codes for any function including discrete power on / off.



47. D-BUS

To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without IR-receiver, like tuners or hidden systems, together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller.



48. DC-TRIGGER

A DC trigger is an assignable voltage output, which can automatically control for example an electrical projection screen, lowering it when the DVD input is chosen on the receiver.



49. IR-FLASHER

The "IR-Flasher IN" is a standardised connection to control the AV system by external IR receivers, independent of the infra red control format used. On the "IR-Flasher OUT" an IR-Emitter can be connected to controlled third brand components. The third connection link to this is the "IR-Receiver INPUT", which is similar to the IR-Flasher In, but it outputs a voltage to directly feed an external IR-Receiver eye. Please check capability per product in the specification section.

OTHER



50. DLNA

DLNA certified products guarantee a stable and fast connection, cross-brand interoperability, Universal Plug and Play (UPnP), automatic IP-addressing and easy to use in a wired or wireless setup with your home network: Sharing of your favourite music, photo's and video's stored on your PC, NAS-drive, Music server or HD recorder through your audio/video set-up is possible.



51. FULL DOT MATRIX

High resolution display makes sure all the text that is displayed can be read clearly. Lower resolution displays do not have enough pixels to clearly show all the data such as source information, RDS information, track titles etc., transmitted to the display, which might made the displayed texts not clearly readable. A Full Dot Matrix display can clearly show all characters.



52. ENVIRONMENTAL FRIENDLY

Marantz products all carry the environmental logo. This logo proves the environmental way of thinking within Marantz. This does not stop with the low power consumption of all Marantz products in stand-by modus, but it also underlines the environmental way of working and producing within Marantz and the use of environmental approved components that do not contain hazardous chemical elements. As much as possible will be done to stress the environment as less as possibly can.

Technical specifications

AV Receiver

	GLOSSARY	SR8002	SR7002	SR6003	SR5003	SR4003
FEATURES						
MULTI-CHANNEL SURROUND						
THX Ultra II / Select II	33	- / •	- / •	-	-	-
THX Surround EX		•	•	-	-	-
DTS HD Master / DTS 5.1 / DTS ES / DTS 96 / 24	38+	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •	- / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIx	35+	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •	- / - / • / •
7.1 PCM for HD-Audio from BluRay and HD-DVD	34	•	•	•	•	•
Circle Surround II / Neural Surround	40	• / •	• / •	• / •	• / •	• / -
Virtual Surround / Multi-channel Stereo		• (Dolby VS) / •	• (Dolby VS) / •	• (Dolby VS) / •	• (Dolby VS) / •	• / •
HT-EQ / Re-EQ	41	- / •	- / •	• / -	• / -	• / -
Dolby Headphone / TruSurround Headphone	36	• / -	• / -	• / -	• / -	• / -
M-DAX Compressed audio Enhancer (MP3, WMA, ACC, iPod)	15	•	•	•	•	-
SOUND ENHANCEMENTS						
Current Feedback Topology	2	•	•	-	-	-
Pure Direct	9	•	•	•	•	•
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •	- / •	- / •
High Grade Audio Components		•	•	•	•	•
Chassis: Copper plated / Metal	7	• / -	- / •	- / •	- / •	- / •
OTHERS						
Auto speaker setup by microphone		Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	M-RAC
Video conversion	20	CVBS <> S <> Comp > HDMI	CVBS <> S <> Comp > HDMI	CVBS <> S <> Comp > HDMI	CVBS <> S <> Comp > HDMI	CVBS < S > Comp
Video scaling	18	-	-	> 1080 p	> 1080 p	-
Videoprocessing	22+	-	-	i-Chips	i-Chips	-
On Screen Display: GUI / OSD / multiroom OSD		- / • / •	- / • / •	• / • / -	- / • / -	- / • / -
Lip sync control	26	•	•	•	•	•
Multiroom zones	43	2	1	1 x ana / 1 x dig	1 x ana / 1 x dig	-
Discrete RC coding (Main- / Multiroom)		• / •	• / •	• / •	• / •	• / -
VIDEO						
Composite In / Out		4 / 3	4 / 3	4 / 2	4 / 2	4 / 2
S-Video In / Out		4 / 3	4 / 3	4 / 2	4 / 2	4 / 2
Component In / Out		4 / 2	4 / 2	3 / 2	3 / 2	3 / 1
HDMI in / out (version x.x)	21	4 / 2 (1.3 a)	4 / 2 (1.3 a)	3 / 2 (v 1.3 a)	3 / 1 (v 1.3 a)	2 / 1 (v 1.1)
HDMI V1.3 Deep Color pass through		•	•	•	•	-
Multi-Room Video Out: Video / S-Video / Component		• / - / •	• / - / -	- / - / -	- / - / -	- / - / -
AUDIO						
Analogue In / out		6 / 4	6 / 4	6 / 3	6 / 3	6 / 3
Digital Optical In / Out		3 / 1	3 / 1	3 / 1	3 / 1	2 / 1
Digital Coaxial In / Out		3 / 1	3 / 1	2 / -	2 / -	2 / -
Digital audio by HDMI		•	•	•	•	•
Multi-Room Out: analog / digital		2 / -	1 / -	1 / 1	1 / 1	- / -
7.1 ch Pre Out / Main In		• / -	• / -	• / -	• / -	• / -
7.1 multi-channel input		•	•	•	•	•
OTHER						
Speaker Terminal: Gold plated screw / regular screw		• / -	- / •	- / •	- / •	- / •
Speaker A/B		•	•	•	•	•
Bi-amp drive (5.1 ch setting) / Speaker C		• / •	• / •	• / •	• / •	- / -
Multi-Room Speaker Terminal		•	•	•	•	-
D-Bus	47	•	•	•	•	•
IR Receiver In / Emitter Out	49	1 / 2	- / -	- / -	- / -	- / -
IR Flasher In	49	1	1	1	1	-
DC Triggers	48	2	2	1	1	-
Front Inputs: Audio / Composite / S-Video / Digital (Opt)		• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •
iPod input (direct / docking station)		- / •	- / •	- / •	- / •	- / •
USB Audio (MP3, AAC, WMA, WAV)	14	-	-	•	-	-
RS232C (control / update)	46	• / •	• / •	• / •	• / •	- / -
SPECIFICATIONS						
Power Output (8 / 6 ohm RMS) (20 Hz - 20 kHz 0.08 %)		125 / 160 W	110 / 140 W	100 / 120 W	90 / 110 W	80 / 105 W
70% Guarantee	1	•	•	•	•	•
Audio Signal to Noise Ratio		105 dB	105 dB	105 dB	105 dB	105 dB
FM Tuner		•	•	•	•	•
Component video frequency response		5 Hz to 80 MHz (+ -1 dB)	5 Hz to 80 MHz (+ -1 dB)	5 Hz to 80 MHz (+ -1 dB)	5 Hz to 80 MHz (+ -1 dB)	5 Hz to 80 MHz (+ -1 dB)
GENERAL						
Available colours: Gold / Silver / Black / Silver-Gold		- / • / • / -	- / • / • / -	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•	•
System Remote Control		RC8001SR	RC8001SR	RC003SR	RC004SR	RC004SR
Pre-programmed / Learnable / Touch Screen		• / • / -	• / • / -	• / • / -	• / • / -	• / • / -
Multiroom remote (included / optional)		RC101 (• / -)	RC101 (• / -)	- / •	- / •	- / -
Power Consumption in W		620	620	600	600	500
Standby Consumption in W (normal / economy mode)		1.0 / 0.7	1.0 / 0.7	0.7 / 0.4	0.7 / 0.4	0.9 / 0.5
Detachable Power Cable		•	•	•	•	•
Maximum Dimensions (w x d x h) in mm		440 x 396 x 184	440 x 396 x 184	440 x 388 x 160.5	440 x 388 x 160.5	440 x 388 x 160.5
Weight in kg		15.0	15.0	13.2	13.1	11.6

Technical specifications



HDMI Video Switcher

VS3002

Need more HDMI inputs or outputs? Do you have an older receiver and would like to extend it with HDMI switching? Well now you can, with the VS3002: an HDMI 1.3a video switcher with six inputs and two outputs. The outputs can be controlled via remote, so you won't need to swap cables if you install a TV or projector. The 'Emphasize' function improves signal quality after longer cables run. Auto input detection, RS232 and a remote with direct input selection completes the package.



VS3002



SR8002



SR7002



SR6003



SR5003



SR4003



RC8001SR

RC003SR

RC004SR

Technical specifications

AV Pre-Amplifier

AV8003

FEATURES		
MULTI-CHANNEL SURROUND		
THX Ultra II / Select II	33	• / -
THX Surround EX		•
DTS HD Master / DTS 5.1 / DTS ES / DTS 96 / 24	38+	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIx	35+	• / • / • / •
7.1 PCM for HD-Audio from BluRay and HD-DVD	34	•
Circle Surround II / Neural Surround	40	• / •
Virtual Surround / Multi-channel Stereo		• (Dolby VS) / •
HT-EQ / Re-EQ	41	- / •
Dolby Headphone / TruSurround Headphone	36	• / -
M-DAX Compressed audio Enhancer (MP3, WMA, ACC, iPod)	15	•
SOUND ENHANCEMENTS		
Pure Direct	9	•
Power Transformer: Toroidal / EI	3	• / -
High Grade Audio Components		•
Chassis: Copper plated / Metal	7	• / -
NETWORK		
DLNA Certified	50	•
UPnP Certified	50	•
Network Audio		•
Network static video (JPEG)		•
Network Video		•
Integrated webserver	-	
Internet Radio: direct / external media player	- / •	
WiFi: integrated / external access point	- / •	
OTHERS		
Auto speaker setup by microphone	16+	Audysey MultEQ
Video conversion	20	CVBS <> S <> Comp > HDMI
Video scaling	18	> 1080 p
Videoprocessing	22+	Anchor Bay
T.B.C. - time base correction		•
Front panel cursor control		•
On Screen Display: GUI / OSD / multiroom OSD		- / • / •
Lip sync control	26	•
Multiroom zones	43	2
Balanced in/out	13	2 (CD in) / 8
Auto TV Switching (On / Off)		• / -
Discrete RC coding (Main- / Multiroom)		• / •
VIDEO		
Composite In / Out		4 / 3
S-Video In / Out		4 / 3
Component In / Out		4 / 2
HDMI in / out (version x.x)	21	4 / 2 (1.3 a)
HDMI V1.3 Deep Color pass through		•
Multi-Room Video Out: Video / S-Video / Component		• / - / •
AUDIO		
Analogue In / out		6 / 4
Digital Optical In / Out		3 / 1
Digital Coaxial In / Out		3 / 1
Multi-Room Out: analog / digital		2 / -
7.1 ch Pre Out / Main In		• / -
7.1 multi-channel input		•
OTHER		
Bi-amp drive (5.1 ch setting) / Speaker C		• / •
D-Bus	47	•
IR Receiver In / Emitter Out		1 / 2
IR Flasher In	49	1
DC Triggers	48	2
iPod input (direct / docking station)		- / •
RS232C (control / update)	46	• / •
SPECIFICATIONS		
Audio Signal to Noise Ratio		105 dB
FM Tuner		•
Component video frequency response		5 Hz to 80 MHz (+ -1 dB)
GENERAL		
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
System Remote Control		RC2001
Pre-programmed / Learnable / Touch Screen		• / • / -
Multiroom remote (included / optional)		RC101 (• / -)
Power Consumption in W		85
Standby Consumption in W (normal / economy mode)		1.0 / 0.7
Detachable Power Cable		•
Maximum Dimensions (w x d x h) in mm		440 x 385 x 184.5
Weight in kg		11.6

Main Amplifier

MM8003

FEATURES		
Channels		8
Current Feedback Topology	2	•
BTL Possibility		-
Power Transformer: Toroidal / EI	3	• / -
Shottky diodes		•
High Grade Audio Components		•
Customised Components	5	•
Input buffer amp (all inputs / CD only)		• / -
Gold Plated Cinch		•
Aluminium extrusion heat sink		•
Copper plated chassis	7	•
Standby Mode		•
INPUTS/OUTPUTS		
Balanced In / Out	13	8 / -
Pre-out / Main-in		- / 8
Speaker Terminal: Screw / Marantz / WBT		• / - / -
Number of terminals		8
D-Bus	47	•
Remote Power Control (Trigger - in / out)		•
Flasher in / IR Receiver in	49	• / -
SPECIFICATIONS		
Power Output (8 / 4 ohm RMS)		140 W / 170 W (6)
Power Output (8 / 4 ohm DIN)		-
Power Output (8 / 4 ohm IHF)		-
Bridged Power Output (8 ohm RMS)		-
Frequency Response		8 Hz - 100 kHz (+ -3 dB)
Total Harmonic Distortion		0.03 % (20 Hz - 20 kHz)
Damping Factor		100
Input Sensitivity: High level		1.2 V / 22 K
Input Sensitivity: Balanced High level		2.4 V / 30 K
Signal to Noise Ratio: High level		105 dB
GENERAL		
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
Power Consumption in W		880
Standby Consumption in W		0.4
Detachable Power Cable		•
Maximum Dimensions (w x d x h) in mm		440 x 384 x 184.5
Weight in kg		17.9



AV8003



MM8003



RC2001

Technical specifications

marantz®

DVD BD Player

DV4003

BD7003

BD8002

FEATURES				
Compatibility: CD / DVD / Blu-ray	27	• / • / -	• / • / •	• / • / •
Blu-ray Discs Profile		-	v 1.1	v 1.1
True 24 Frames Per Second (FPS)	29	-	•	•
Video Scaling on HDMI: up to 1080 P	18	•	•	•
HD 7.1PCM Multi-channel output	34	-	•	•
USB	14	•	-	-
CD-ripping to USB	14	•	-	-
Compressed Audio Compatibility: WMA / MP3		• / •	• / •	• / •
Multi Language OSD		•	•	•
MULTI-CHANNEL/SURROUND				
Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD	35+	- / - / -	- / - / -	• / • / •
Decoder: DD / DTS / MPEG / DTS96/24 / SACD		• / - / - / - / -	• / • / - / - / -	• / • / - / - / -
Multi Channel Down Mix: MPEG2 / DD / DTS/ SACD	42	- / • / - / -	- / • / • / -	- / • / • / -
Virtual surround		-	•	•
AUDIO/VIDEO ENHANCEMENTS				
CD Compatibility: CD / CD-R/RW / HDCD / SACD		• / • / CD / CD	• / • / CD / CD	• / • / CD / CD
VCD Compatibility: VCD / VCD 2.0 / SVCD		• / • / •	- / - / -	- / - / -
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW / DivX-Ultra	31	• / - / • / • / • / •	• / - / • / • / - / •	• / - / • / • / - / •
MP3 / WMA from: CD / DVD / USB		• / - / •	• / - / -	• / - / -
Image Disc Compatibility: JPEG / JPEG HD / Picture CD	42	• / • / •	• / - / •	• / - / •
Audio exclusive mode	10	-	-	•
High Grade Audio Components		-	-	•
Customised Components	5	-	-	•
Copper plated chassis		-	-	-
System block shielding: Copper plated / Metal / none		- / - / •	- / - / •	- / • / -
Chassis: Copper plated / Metal	7	- / •	- / •	- / •
Double-Layer Bottom Plate		-	-	•
Gold Plated Cinch (Audio)		-	-	•
Gold Plated Cinch (Video)		-	-	•
INPUTS / OUTPUTS				
VIDEO				
Composite / S-Video / Component		• / • / •	• / - / •	• / • / •
Scart (RGB)		•	-	-
HDMI (version x.x)	21	1.0	1.3 a	1.3 a
AUDIO				
Scart		•	-	-
Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch)		• / - / -	• / - / -	• / • / •
Digital Coaxial Out		•	•	•
Digital Optical Out		-	-	•
OTHER				
SD Card reader	30	-	•	•
USB		•	-	-
D-Bus	47	-	-	•
RS232C		-	-	•
SPECIFICATIONS				
D/A conversion (video)		148 MHz / 12-bit	150 MHz / 12-bit	297 MHz / 12-bit
D/A converter chip (video)		MT1389S	MN2WS0043DA	ADV7340
D/A conversion (audio)		192 KHz / 24-bit	192 KHz / 24-bit	192 KHz / 24-bit
D/A converter chip (audio)		MT1389S	MN2WS0043DA	PCM1796
Video processing	24+	MT1389S	UniPhier	Realta Optix, HQV™
Frequency response BD (linear PCM)				
48 kHz sampling		-	4 Hz to 22 kHz	4 Hz to 22 kHz
96 kHz sampling		-	4 Hz to 44 kHz	4 Hz to 44 kHz
192 kHz sampling		-	4 Hz to 88 kHz	4 Hz to 88 kHz
Frequency response DVD (linear PCM)				
48 kHz sampling		4 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz
96 kHz sampling		4 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz
Frequency response CD (linear PCM)		4 Hz to 20 kHz	4 Hz to 20 kHz	4 Hz to 20 kHz
Signal to Noise Ratio		110 dB	115 dB	125 dB
Dynamic Range: CD / DVD		100 dB	105 dB	110 dB
Total Harmonic Distortion (THD)		0.003 % (1 kHz)	0.002 % (1 kHz)	0.0008 % (1 kHz)
GENERAL				
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / -	- / - / • / -
Metal Front Panel		•	•	•
Remote Control		•	•	•
Power Consumption in W		9	30	65
Standby Consumption in W		0.6	< 1.0	0.8
Detachable Power Cable		•	•	•
Maximum Dimensions (w x d x h) in mm		440 x 318 x 59	440 x 348 x 75	440 x 402 x 140
Weight in kg		4.0	7.3	10.5

Technical specifications

Integrated Amplifier

	GLOSSARY	PM8003	PM7003	PM6002	PM5003
FEATURES					
Channels		2	2	2	2
Current Feedback Topology		•	•	-	•
Linear Drive Power Supply		•	•	•	•
CCNE		•	•	-	-
Power Transformer: Toroidal / EI	3	• / -	- / •	• / -	- / •
Shottky diodes		•	•	•	-
HDAM version	4	CF	CF	-	CF
High Grade Audio Components		•	•	•	-
Customised Components	5	•	•	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		- / • / -	• / - / -	• / - / -	• / - / -
Input buffer amp (all inputs / CD only)		- / •	- / •	- / -	- / -
Symmetric PCB Layout	6	•	•	-	-
Aluminium extrusion heat sink		•	•	•	-
Separate Solid Heat Sinks		-	-	-	-
System block shielding:		- / - / •	- / - / •	- / - / •	- / - / •
Copper / metal / none					
Copper plated chassis	7	•	-	-	-
Double-Layer Bottom Plate		•	-	-	-
Balance / Bass / Treble / Loudness		• / • / • / -	• / • / • / -	• / • / • / •	• / • / • / •
Source Direct	9	•	•	•	•
Power Amp direct		•	•	-	-
Standby Mode		•	•	•	•
INPUTS / OUTPUTS					
Audio Inputs		6	6	6	6
Phono Input: MM/MC		• / -	• / -	• / -	• / -
Audio Outputs		2	2	2	2
Balanced In / Out		- / -	- / -	- / -	- / -
Pre-out / Main-in		• / -	• / -	- / -	- / -
Gold Plated Cinch		•	CD only	-	-
Speaker A / B		•	•	•	•
Speaker Terminal: Screw / Marantz / WBT		- / • / -	• / - / -	• / - / -	• / - / -
Number of terminals	4	4	4	4	4
D-Bus	47	•	•	•	•
Headphone Out		•	•	•	•
iPod input (direct / docking station)		- / •	- / •	- / •	- / •
SPECIFICATIONS					
Power Output (8 / 4 ohm RMS)		70 / 100 W	70 / 100 W	45 / 60 W	40 / 55 W
Power Output (8 / 4 ohm DIN)		80 / 120 W	80 / 120 W	50 / 65 W	45 / 60 W
Power Output (8 / 4 ohm IHF)		-	-	60 / 85 W	55 / 80 W
Bridged Power Output (8 ohm RMS)		-	-	-	-
Frequency Response		10 Hz - 80 KHz (+ 0, -1.0 dB)	10 Hz - 80 KHz (+ 0, -1.0 dB)	10 Hz - 50 kHz (+ 0, -1 dB)	10 Hz - 50 kHz (+ 0, -1 dB)
Total Harmonic Distortion		0,0001	0,0001	0.01 %	0.01 %
Damping Factor		100	100	100	100
Input Sensitivity: MM		2 mV / 47 K ohms	2 mV / 47 K ohms	2.5 mV / 47 kohm	2.2 mV / 47 kohm
Input Sensitivity: MC		-	-	-	-
Signal to Noise Ratio: MM/MC		87 / - db	85 / - db	80 / - dB	83 dB / -
Input Sensitivity: High level		200 mV / 20K ohms	200 mV / 20K ohms	170 mV / 20 kohm	200 mV / 20 kohm
Signal to Noise Ratio: High level		106 dB	106 dB	87 dB	100 dB
GENERAL					
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / • / • / -	- / - / • / •
Metal Front Panel		•	•	•	•
Power Consumption in W		200	200	130	110
Standby Consumption in W		0.3	0.3	0.7	0.4
Detachable Power Cable		•	•	•	•
Remote Control		RC003PM	RC003PM	RC002PM	RC003PM
System Remote Function		System	System	System	System
Maximum Dimensions (w x d x h) in mm		440 x 364 x 123	440 x 364 x 123	440 x 341 x 117	440 x 369.5 x 104.5
Weight in kg		11.0	10.5	7.1	6.7

Technical specifications



SACD + CD Player

	GLOSSARY	SA8003	SA7003	CD6002	CD5003
FEATURES					
Disc Capacity		1	1	1	1
CD Compatibility: CD / CD-R/RW / SACD / WMA / MP3		• / • / • / • / •	• / • / • / • / •	• / • / - / • / •	• / • / - / • / •
SACD compatibility: Multi channel / stereo	11	- / •	- / -	- / -	- / -
CD-Text / SACD Text / ID3 Tag / WMA Meta Tag		- / - / • / •	- / - / • / •	• / - / • / •	• / - / • / •
High Grade Audio Components		•	•	•	•
Customised Components	5	•	•	•	-
Symmetric Circuit layout	6	•	•	•	•
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •	- / •
HDAM version	4	SA2	SA2	CF	SA2
Shottky diodes		•	•	•	-
DCEIS-Impedance Matching joint (copper)	8	•	-	-	-
Separated rectifier circuit for analogue and digital circuitry		•	•	•	•
Digital out off / Audio EX Mode	10	• / -	• / -	- / •	• / •
Display: Dimmer / Off		• / •	• / •	- / •	- / •
Headphone: Standard / Buffer / Current Feedback		- / • / -	- / • / -	- / • / -	- / • / -
Copper plated chassis	7	-	-	-	-
Extra metal plate for chassis strengthening		•	-	•	-
PLAYBACK					
Program Play		24	24	30	30
Auto Music Scan (AMS)		•	•	•	•
Repeat: track/program / A - B		• / - / -	• / - / -	• / • / •	• / • / •
Random Play		•	•	•	•
Peak Search		-	-	•	•
Edit Recording		-	-	•	•
Pitch Control		-	-	•	•
Start Sound Mode for SACD		•	•	-	-
Quick Replay		-	-	•	•
INPUTS/OUTPUTS					
Analogue Out (Cinch)		2ch	2ch	2ch	2ch
Digital Optical Out		1	1	1	1
Digital Coaxial Out		1	1	1	1
Gold plated Cinch		•	•	•	•
USB	14	•	-	-	-
D-Bus	47	•	•	•	•
Headphone Out		•	•	•	•
Headphone Volume Control		•	•	•	•
SPECIFICATIONS					
Mechanism	12	ZYLON	ZYLON	KSS-213CCM	DV11VF
Decoder		MT1389EE	MT1389EE	TC94A70FG	TC94A70FG
D/A Conversion		Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC		CS4398	CS4398	CS4398	CS4392
Digital Filter		CS4398	CS4398	CS4398	CS4392
Noise Shaper		CS4398	CS4398	CS4398	CS4392
Low Pass Filter stage		HDAM-SA2	HDAM-SA2	HDAM	HDAM-SA2
Output Buffer		HDAM-SA2	HDAM-SA2	HDAM	HDAM-SA2
Headphone amp		NJM2114	NJM4560	NJM2068	NJM2068
SACD AUDIO					
Frequency Response (Cust.)		2 - 100 kHz	2 - 100 kHz	-	-
Dynamic Range (SA)		112	112	-	-
Signal to Noise Ratio (SA)		110	110	-	-
Total Harmonic Distortion (SA)		0,002 %	0,002 %	-	-
Channel Separation (SA)		110	110	-	-
CDDA AUDIO					
Frequency Response		2 - 20 KHz	2 - 20 KHz	20 Hz - 20 KHz	2 - 20 KHz
Dynamic Range		100	100	100 dB	100 dB
Signal to Noise Ratio		110	110	110	110
Total Harmonic Distortion		0,002 %	0,002 %	0,002	0,002
Channel Separation		110	110	110	110
GENERAL					
Available colours: Gold/Silver/Black/Silver-Gold		- / - / • / •	- / - / • / •	- / • / • / -	- / - / • / •
Metal Front Panel		•	•	•	•
Remote Control		RC002SA	RC002SA	RC001CD	RC002CD
Power Consumption in W		25	25	19	14
Standby Consumption in W		0.5	0.5	0.6	0.4
Detachable Power Cable		•	•	•	•
Maximum Dimensions (w x d x h) in mm		440 x 343.5 x 108.5	440 x 339.5 x 107	440 x 283 x 87	440 x 339.5 x 104.5
Weight in kg		7.8	5.9	4.7	5.1

Technical specifications

CD Receiver

CD Receiver		GLOSSARY	M-CR502	CR401
FEATURES				
CD Compatibility: CD / CD-R/RW / WMA / MP3		• / • / • / • / •	• / • / • / - / •	
Broadcast bands: DAB / FM / MW / LW		- / • / • / -	- / • / • / -	
Auto Tuning		•	•	
Presets		30 FM / 20 AM	40 FM / AM	
RDS: PTY / PS / RT		• / • / •	• / • / •	
Tone Control: Bass / Treble / Balance		• / • / •	• / • / -	
Clock		•	•	
Sleep Timer		•	•	
Programmable Timer:		• / - / -	• / • / •	
Once / Daily / Weekday				
INPUTS / OUTPUTS				
AUDIO				
Analogue In / Out		2 / 1	2 / 1	
Digital Optical In / Out		- / -	- / 1	
OTHER				
AUX-input (Front)		1	1	
USB		•	-	
Subwoofer PreOut		•	•	
Speaker Terminal:		- / •	• / -	
click fit / Screw				
Headphone Out		•	•	
iPod input (direct / docking station)		- / •	- / •	
Bi-amping		•	-	
Powered multi-room for one extra room		•	-	
SPECIFICATIONS				
AUDIO SECTION				
Power Output		50 W (6 ohm)	30 W (4 ohm)	
Number of channels		4	2	
Freq. Response (Analogue In)		5 Hz - 22 kHz	10 Hz - 50 kHz	
Signal to Noise Ratio (audio)		86 dB	97 dB	
Total Harmonic Distortion (audio)		0,05 %	0.2 % (1 kHz)	
TUNER SECTION FM				
Frequency Range FM		87.5 - 108 MHz	87.5 - 108 MHz	
Signal to Noise Ratio (Mono / Stereo) FM		65 / 60 dB	66 / 55 dB	
Total Harmonic Distortion (Mono / Stereo) FM		0.8 / 1.0 %	0.4 / 0.46 %	
TUNER SECTION AM				
Frequency Range AM		522 - 1620 kHz	522 - 1611 kHz	
Signal to Noise Ratio AM		45 dB	35 dB	
GENERAL				
Available colours: Gold / Silver / Black / Silver-Gold		- / - / - / •	- / - / • / -	
Metal Front Panel		•	•	
Remote Control		RC502CR	RC401CR	
Power Consumption in W		27	75	
Standby Consumption in W		0.4	0.6	
Maximum Dimensions (w x d x h) in mm		280 x 302 x 111	210 x 336 x 146	
Weight in kg		4.2	5.7	
Turntable				
	GLOSSARY	TT-42		
FEATURES				
Motor: AC / DC		- / •		
Drive System: Belt / Direct		• / -		
Bearing: Ceramic / Metal		- / •		
Operation: Automatic / Manual		• / -		
Speed: 33-1 / 3 & 45 RPM		• / •		
Stylus (MM / MC)		• / -		
Stylus version		DN251S		
Belt: Rubber / Silicon		• / -		
SPECIFICATIONS				
Rated Output		4 mV / 1 kHz		
Freq. Range		20 Hz - 18 kHz		
S/N		65 dB		
GENERAL				
Available colours: Black/White		• / -		
Maximum Dimensions (w x d x h) in mm		420 x 360 x 137		
Weight in kg		5.4		

CD Changer

	GLOSSARY	CC4001
FEATURES		
Disc Capacity		5
CD Compatibility: CD / CD-R/RW / SACD / WMA / MP3		• / • / - / - / •
SACD compatibility: Multi channel / stereo		- / -
CD-Text / SACD Text / ID3 Tag/ WMA Meta Tag		- / - / - / -
High Grade Audio Components		•
Customised Components		-
Symmetric Circuit layout		-
Power Transformer: Toroidal / EI		- / •
HDAM version		-
Shottky diodes		-
Zero-Impedance Matching joint (copper)		-
Separated rectifier circuit for analogue and digital circuitry		-
Digital out off / Audio EX Mode		- / -
Display: Dimmer / Off		• / -
Headphone: Standard / Buffer / Current Feedback		• / - / -
Copper plated chassis		-
Extra metal plate for chassis strengthening		-
PLAYBACK		
Program Play		32
Auto Music Scan (AMS)		•
Repeat: track/program / A - B		• / • / -
Random Play		•
Peak Search		-
Edit Recording		-
Pitch Control		-
Start Sound Mode for SACD		-
Quick Replay		-
INPUTS / OUTPUTS		
Analogue Out (Cinch)		2ch
Digital Optical Out		1
Digital Coaxial Out		1
Gold plated Cinch		•
USB		-
D-Bus		47 •
RS-232C		46 •
Headphone Out		•
Headphone Volume Control		•
SPECIFICATIONS		
Mechanism		KSS-213CCM
Decoder		CXD30680
D/A Conversion		Multi-bit, Delta-Sigma
DAC IC		CS4392
Digital Filter		CS4392
Noise Shaper		CS4392
Low Pass Filter stage		NJM2068
Output Buffer		-
Headphone amp		NJM4556
CDDA AUDIO		
Frequency Response		20 Hz - 20 KHz
Dynamic Range		100 dB
Signal to Noise Ratio		100 dB
Total Harmonic Distortion		0,002
Channel Separation		110 dB
GENERAL		
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
Remote Control		RC4001CC
Power Consumption in W		19
Standby Consumption in W		0.6
Detachable Power Cable		•
Maximum Dimensions (w x d x h) in mm		440 x 404 x 114
Weight in kg		6.9

Technical specifications

Tuner

	GLOSSARY	ST6001	ST6003
FEATURES			
Broadcast bands: DAB / FM / MW / LW		- / • / • / •	- / • / • / -
Dual Gate MOS-FET		•	-
IF Bandwidth Selector		•	-
Customised Components		•	•
Presets		30 (FM) / 30 (AM)	50 (FM / AM)
Auto Tuning		•	•
RDS: PTY / PS / RT		• / • / •	• / • / •
Sleep / Timer		• / •	• / -
Birdy Whistle Elimination Circuitry		•	-
Full dot matrix display		51 -	•
Gyro Touch Tuning		-	-
Display dimmer (via external RC)		•	•
Triple IR-code		-	•
INPUTS / OUTPUTS			
Analogue Out		1	1
D-Bus		47 •	•
FM Antenna		2 (A / B)	1
AM Antenna		1	1
SPECIFICATIONS			
TUNER SECTION FM			
Frequency Range		87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)		80 / 75 dB	75 / 70 dB
Total Harmonic Distortion (Mono / Stereo)		0.08 / 0.15 %	0.2 / 0.3 %
Frequency response		20 Hz - 15 kHz	50 Hz - 15 kHz
		(+ 0.5 dB / - 3 dB)	(+ 0.5 dB / - 3 dB)
Channel Selectivity (FM)		65 dB	60 dB
Usable Sensitivity		IHF 1.2 µV / 16.4 dBf	IHF 1.8 µV / 16.4 dBf
Stereo Separation		1 kHz, 50 dB (Stereo)	1 kHz, 45 dB (Stereo)
TUNER SECTION AM			
Frequency Range: MW / LW		522 - 1620 / 146 - 290 kHz	531 - 1602 kHz / -
Signal to Noise Ratio: MW / LW		50 / 45 dB	50 dB / -
GENERAL			
Available colours: Gold / Silver / Black / Silver-Gold		- / • / • / -	- / - / • / •
Metal Front Panel		•	•
Remote Control		via D-Bus	via D-Bus
Power Consumption in W		8.6	9
Standby Consumption in W		0.7	0.4
Detachable Power Cable		-	•
Maximum Dimensions (w x d x h) in mm		440 x 312 x 97	440 x 341 x 104.5
Weight in kg		4.0	4,1

Cinemarium

	GLOSSARY	ES7001
FEATURES		
Opsodis		•
Dolby Digital		•
DTS Virtual Surround		•
High Grade Audio Components		•
Number of speaker chassis		6
Solid aluminium body		•
INPUTS / OUTPUTS		
HDMI In / Out		2 / 1
Optical digital In		3
Analogue audio In		2
Subwoofer pre Out		•
D-Bus		•
DC Triggers		•
ACCESSORIES		
Wallmount kit		Optional
Auido Rack RM7001		Optional
RM7001 (W x H x L) in mm		1260 x 480 x 450
RM7001 weight in kg		53.0
GENERAL		
Colour: Black		•
Power Consumption in W		40.0
Standby Consumption in W		0.8
Dimensions (W x H x L) in mm		1080 x 153 x 143
Weight in kg		12.0

Stereo Receiver

	GLOSSARY	SR5023
AMPLIFIER FEATURES		
Current Feedback Topology		-
Linear Drive Power Supply		•
Power Transformer: Toroidal / EI		- / •
HDAM version		-
Symmetric PCB Layout		•
Balance / Bass / Treble / Loudness		- / • / • / -
Source Direct		9 •
Speaker A/B		-
Phono EQ		•
Standby Mode		•
Full dot matrix display		•
Display Off		•
Display dimmer		•
TUNER FEATURES		
TUNER SECTION		
Broadcast bands: FM / MW / LW		• / • / -
Presets		50 (FM / AM)
Auto Tuning		•
RDS: PTY/PS/RT		• / • / •
Station Naming		•
Sleep / Timer		• / -
INPUTS / OUTPUTS		
Audio Inputs		6
Phono Input: MM/MC		• / -
Audio Outputs		1
Pre-out / Main-in		-
Subwoofer out		•
FM Antenna		•
AM Antenna		•
D-Bus In/Out		• / •
Gold Plated Cinch		47 -
Speaker Terminal: Screw / Marantz / WBT		• / - / -
AC Outlets (Not for UK Model)		•
Headphone Out		•
iPod input (direct / docking station)		- / •
AUDIO SECTION		
Power Output (8 / 6 ohm RMS)		80 / 100 W
Frequency Response		10 Hz - 50 kHz (+ 0, - 1 dB)
Total Harmonic Distortion		0,03 %
Damping Factor		100
Input Sensitivity: MM		2.5 mV / 47 kohm
Input Sensitivity: MC		-
Signal to Noise Ratio MM/MC		83 dB / -
Input Sensitivity: High level		200 mV / 20 kohm
Signal to Noise Ratio High Level		90 dB
GENERAL		
Available colours: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		RC002SR
System Remote Function		•
Power Consumption in W		150 W
Standby Consumption in W		0.4 W
Detachable Power Cable		•
Maximum Dimensions (w x d x h) in mm		440 x 366.5 x 104.5
Weight in kg		7.8 kg

Technical specifications

Remote control

	RC9001	RC3001	RC101
FEATURES			
Display: Colour / BW	• / -	- / •	- / -
Screen Type: Touch / Display	• / -	- / •	- / -
Transmission (IR / RF / WiFi / 2-Way)	44+ • / - / • / •	• / • / - / -	• / - / - / -
Learnable: IR / RF	• / -	• / -	• / -
Pre-Programmed (Marantz RC-5)	•	•	•
Pre-Programmed (Other brands)	•	•	•
Pre-programmed for multiroom control (zones)	-	-	3
Pronto Script	•	-	-
IP control	•	-	-
Direct Access Buttons	22	45	42
Cursor control	•	•	•
Programmable Direct Access Buttons	21	41	28
Transparent graphics	•	-	-
Device menu	•	•	-
Macro programming: Macro area / any button	- / •	- / •	- / -
Contrast Control: analogue / digital	- / •	- / -	- / -
Label: Device / page	• / •	• / •	- / -
Assignable: Device action / Jumps	• / •	• / •	- / -
Adjustable font size	•	-	-
Backlight Screen: White / Blue	• / -	- / •	- / -
PC Editing Program	Wizz.it EX	Wizz.it 3	-
PC Connection (USB)	•	•	-
Clock / date indication	• / •	• / -	- / -
24h Timer	-	•	-
Sleep Timer	-	•	-
Motion Sensor	•	-	-
Universal DB	•	-	-
RF Receiver (included / optional)	- / •	• / -	-
SPECIFICATIONS			
LCD Screen Size (W x H)	74 x 56 mm	52 x 29 mm	-
Resolution	640 x 480	6 x (11 x 81) 1x (9 x 81)	-
Number of Colours	65536	-	-
Memory Size	64 MB	4 MB	-
IR Operating Distance	5 m	5 m	5 m
IR Angle	+ -45°	+ -30°	+ -30°
IR Carrier frequency	17 kHz - 1 MHz	Up to 100 kHz	< 80 kHz
RF Carrier Frequency	2.4 GHz (802.11 b/g)	433.92 MHz	-
Number of Commands per Macro	10000	1600	-
ACCESSORIES			
Recharging: Dock Station / Power adaptor	• / -	- / •	-
Cable for PC Connection: USB	•	•	-
Rechargeable battery / Normal battery	Li Polymer / -	NIMH / -	- / •
GENERAL			
Colour: Silver / Black	• / -	- / •	- / •
Dimensions (W x H x L) in mm	166 x 100 x 32	228 x 54 x 20	224 x 50 x 24
Weight (With Batteries) in g	320	200	150

Remote extender

	RX8001	RX9001
FEATURES		
System Control via CAT5 / Wireless	• / • (RC9001)	• / -
Customization via Webserver	•	•
Network mode	DHCP, Fixed IP	DHCP, Fixed IP
Addressable IR Emitter outputs	4	4
Adjustable IR output level	•	•
IR code range	25 kHz - 1 Mhz	25 kHz - 1 Mhz
RS232 serial interface	-	4
Relay outputs	-	4 (max 48 V / 2 A)
DC Output	-	1 (5 V / 0.3 A)
Power sense input	-	4 (4 - 30 V)
Status indication	2 LED	19 LED
ACCESSORIES		
AC adaptor	5 V DC / 2 A	5 V DC / 2 A
Crossover configuration cable	•	•
IR Emitter	2 x Dual IR	2 x Dual IR
Mini-jack IR cable	2	2
Rackmount kit	-	•
GENERAL		
Colour: Black	•	•
Dimensions (W x H x L) in mm	157 x 33 x 100	428 x 46 x 240
Weight in kg	0.18	1.75



RX8001



RX9001

More from Marantz



MARANTZ CATALOGUE – PREMIUM RANGE

For the audiophiles the Marantz Premium Range catalogue presents only the best of the best products – highly acclaimed ‘reference quality’ amplifiers, SACD Player, tuner and turntable. For the videophiles the best-in-class, reference setting Full HD-DLP video projectors are present and correct. Sound and vision has never sounded and looked so magnificent.

Please visit our website, for your nearest authorised dealer and/or distributor address

www.marantz.com

Availability of models may vary from country to country. Marantz reserves the right to change the design and specification of goods without notice.

• “Dolby”, “Pro Logic”, “Surround EX”, “Digital Plus”, “TrueHD” and the double-D symbol are trademarks of Dolby Laboratories • THX, Re-EQ and Ultra 2 are trademarks or registered trademarks of THX Ltd. Surround EX is a jointly developed technology of THX and Dolby Laboratories, Inc. and is a trademark of Dolby Laboratories, Inc. Used under authorization. All rights reserved. • “DTS”, “DTS-HD”, “DTS-HD Master Audio”, “DTS Digital Surround”, “DTS Digital Out”, “DTS-ES”, “DTS 96/24”, and “Neo:6” are trademarks of Digital Theater Systems, Inc. • SRS, SRS symbol, Circle Surround II, WOW, Dialog, TruBass, TruSurround, TruSurround Headphone are trademarks of SRS Labs, Inc. • Microsoft, HDCD, and the HDCD logo are trademarks, or registered trademarks of Microsoft Corporation. • iPod is a registered trademark of Apple, Inc. • OPSODIS is a registered trademark of the. OPSODIS LTD. • Audyssey MultEQ is a registered trademark of Audyssey Laboratories, Inc. • Digital Light Processing, DLP, the DLP logo, and the DLP medallion are trademarks of Texas Instruments. • VXP, Visual Excellence Processing and the VXP logo are trademarks or registered trademarks of Gennum Corporation. • HQV™ is a trademark of Silicon Optix Inc. • VRS™ and Video Reference Series™ are trademarks of Anchor Bay Technologies • “HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.” “NSV” is a trademark of Analog Devices, Inc. • Super Audio CD®, SACD® and the SACD logo® are registered trademarks of Royal Philips Electronics NV and Sony Corporation. • Blu-ray Disc™ and the Blu-ray Disc logo are trademarks of the Blu-ray Disc Association. All Rights Reserved. • Direct Stream Digital and DSD logo are trademarks of the Sony Corporation. • Inc. DivX® is a registered trademark of DivX Networks. • The “Wi-Fi CERTIFIED” logo is a certification mark of the Wi-Fi Alliance • UPnP™ is a trademark of the UPnP Implementers Corporation • DLNA Certified is a trademark of the Digital Living Network Alliance •

All other trademarks are property of their respective owners.

Warranty for Marantz products: Premium Series: 36 months, except videoprojectors and universal remote controls.
All other models: 24 months.

EUROPEAN HEAD OFFICE:
P.O. BOX 8744
5605 LS EINDHOVEN
THE NETHERLANDS

GLOBAL / ASIA HEAD OFFICE:
2-1 NISSHIN-CHO
KAWASAKI-KU, KAWASAKI-CHI
KANAGAWA 210-8569
JAPAN

US HEAD OFFICE:
100 CORPORATE DRIVE
MAHWAH NJ, 07430
U.S.A.